

07071500 ELEVEN POINT RIVER NEAR BARDLEY, MO--Continued

Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (µS/cm) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	OXYGEN, DIS- SOLVED (mg/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (mg/L) (00340)	COLI- FORM, FECAL, 0.7 µM-MF (COLS./ 100 mL) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 mL) (31673)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 mL) (31633)	
NOV 18...	1440	384	10.6	357	8.16	12.3	107	--	K1	255	K1	
JAN 14...	0800	676	10.0	316	7.90	10.2	91	<10	195	26	M79	
MAR 11...	0920	1550	9.4	259	7.81	--	--	--	K80	53	66	
APR 07...	1400	1500	15.1	243	8.09	10.7	107	--	K77	K12	46	
JUN 17...	1110	615	18.0	338	8.08	9.4	98	<10	32	K10	49	
AUG 18...	1145	480	20.2	341	7.90	9.6	105	--	24	29	21	
DATE		ANC WATER UNFLTRD FET FIELD (mg/L as CaCO ₃) (00410)	ANC BICAR- BONATE IT FIELD (mg/L as HCO ₃) (00450)	ANC CAR- BONATE IT FIELD (mg/L as CO ₃) (00447)	NITRO- GEN, NO ₂ +NO ₃ DIS- SOLVED (mg/L as N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (mg/L as N) (00613)	NITRO- GEN, AMMONIA DIS- SOLVED (mg/L as N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS. SOLVED (mg/L as N) (00623)	PHOS- PHORUS DIS- SOLVED (mg/L as P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (mg/L as P) (00671)	HARD- NESS TOTAL (mg/L as CaCO ₃) (00900)	CALCIUM DIS- SOLVED (mg/L as Ca) (00915)
NOV 18...	185	226	0	0.44	<0.01	<0.02	0.2	0.01	0.02	--	--	--
JAN 14...	165	202	0	0.63	<0.01	<0.02	<0.1	<0.01	<0.01	180	37	37
MAR 11...	144	177	0	0.61	<0.01	<0.02	<0.1	<0.01	<0.01	--	--	--
APR 07...	115	141	0	0.46	<0.01	0.02	<0.1	<0.01	0.02	--	--	--
JUN 17...	180	221	0	0.51	<0.01	0.06	<0.1	<0.01	0.01	180	37	37
AUG 18...	174	214	0	0.55	0.01	0.05	<0.1	<0.01	0.01	--	--	--
DATE		MAGNE- SIUM, DIS- SOLVED (mg/L as Mg) (00925)	SODIUM, DIS- SOLVED (mg/L as Na) (00930)	POTAS- SIUM, DIS- SOLVED (mg/L as K) (00935)	SULFATE DIS- SOLVED (mg/L as SO ₄) (00945)	CHLO- RIDE, DIS- SOLVED (mg/L as Cl) (00940)	FLUO- RIDE, DIS- SOLVED (mg/L as F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (mg/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (mg/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (mg/L) (00530)	ALUM- INUM, TOTAL RECOVERABLE (µg/L as Al) (01105)
JAN 14...	20	1.4	1.1	2.6	2.1	--	228	166	416	2	210	210
JUN 17...	21	1.4	1.1	2.2	2.7	<0.1	188	177	312	2	50	50
DATE		ALUM- INUM, DIS- SOLVED (µg/L as Al) (01106)	CADMIUM WATER UNFLTRD TOTAL (µg/L as Cd) (01027)	CADMIUM DIS- SOLVED (µg/L as Cd) (01025)	COPPER, DIS- SOLVED (µg/L as Cu) (01040)	IRON, DIS- SOLVED (µg/L as Fe) (01046)	LEAD, TOTAL RECOVERABLE (µg/L as Pb) (01051)	LEAD, DIS- SOLVED (µg/L as Pb) (01049)	MANGA- NESE, DIS- SOLVED (µg/L as Mn) (01056)	MERCURY TOTAL RECOVERABLE (µg/L as Hg) (71900)	ZINC, TOTAL RECOVERABLE (µg/L as Zn) (01092)	ZINC, DIS- SOLVED (µg/L as Zn) (01090)
JAN 14...	20.5	<1	<8	<10	<10	<1	<100	<4	<0.1	<10	<20	<20
JUN 17...	<10.0	<1	<8	<10	<10	<1	<100	12	<0.1	10	<20	<20

K--Results based on colony count outside the acceptable range (non-ideal colony count).

M--Results compromised due to contaminated bacteria media.